

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID: SSPTABEM1624

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

NEWS 1 Web Page for STN Seminar Schedule - N. America
 NEWS 2 JUL 28 CA/Caplus patent coverage enhanced
 NEWS 3 JUL 28 EPFULL enhanced with additional legal status information from the epoline Register
 NEWS 4 JUL 28 IFICDB, IFIPAT, and IFIUDB reloaded with enhancements
 NEWS 5 JUL 28 STN Viewer performance improved
 NEWS 6 AUG 01 INPADOCDB and INPAFAMDB coverage enhanced
 NEWS 7 AUG 13 CA/Caplus enhanced with printed Chemical Abstracts page images from 1967-1998
 NEWS 8 AUG 15 CAOLD to be discontinued on December 31, 2008
 NEWS 9 AUG 15 Caplus currency for Korean patents enhanced
 NEWS 10 AUG 27 CAS definition of basic patents expanded to ensure comprehensive access to substance and sequence information
 NEWS 11 SEP 18 Support for STN Express, Versions 6.01 and earlier, to be discontinued
 NEWS 12 SEP 25 CA/Caplus current-awareness alert options enhanced to accommodate supplemental CAS indexing of exemplified prophetic substances
 NEWS 13 SEP 26 WPIDS, WPINDEX, and WPIX coverage of Chinese and Korean patents enhanced
 NEWS 14 SEP 29 IFICLS enhanced with new super search field
 NEWS 15 SEP 29 EMBASE and EMBAL enhanced with new search and display fields
 NEWS 16 SEP 30 CAS patent coverage enhanced to include exemplified prophetic substances identified in new Japanese-language patents
 NEWS 17 OCT 07 EPFULL enhanced with full implementation of EPC2000
 NEWS 18 OCT 07 Multiple databases enhanced for more flexible patent number searching
 NEWS 19 OCT 22 Current-awareness alert (SDI) setup and editing enhanced
 NEWS 20 OCT 22 WPIDS, WPINDEX, and WPIX enhanced with Canadian PCT Applications
 NEWS 21 OCT 24 CHEMLIST enhanced with intermediate list of pre-registered REACH substances

AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 14:15:04 ON 30 OCT 2008

=> fil reg
COST IN U.S. DOLLARS
SINCE FILE
ENTRY
SESSION
TOTAL
0.21
0.21
FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 14:15:25 ON 30 OCT 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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STRUCTURE FILE UPDATES: 29 OCT 2008 HIGHEST RN 1068186-59-3
DICTIONARY FILE UPDATES: 29 OCT 2008 HIGHEST RN 1068186-59-3

New CAS Information Use Policies - enter HELP USAGETERMS for details

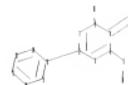
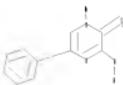
TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stnqen/stndoc/properties.html>

=>
Uploading C:\Program Files\STNEXP\Queries\10583782.str



chain nodes :
7 8 9 11
ring nodes :
1 2 3 4 5 6 14 15 16 17 18 19
chain bonds :
2-14 4-11 5-9 6-7 7-8
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 14-15 14-19 15-16 16-17 17-18 18-19
exact/norm bonds :
1-2 1-6 2-3 3-4 4-11 5-6 5-9 6-7
exact bonds :
2-14 4-5 7-8
normalized bonds :
14-15 14-19 15-16 16-17 17-18 18-19
isolated ring systems :
containing 1 : 14 :

G1:O,S

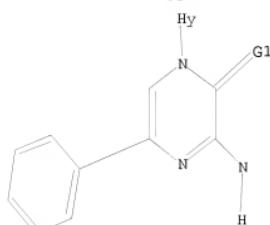
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 11:Atom
14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
Generic attributes :
11:
Saturation : Saturated
Number of Carbon Atoms : less than 7
Number of Hetero Atoms : 2 or more
Type of Ring System : Monocyclic

Element Count :
Node 11: Limited
C,C0
N,N0

L1 STRUCTURE UPLOADED

=> d 11
L1 HAS NO ANSWERS

L1 STR



G1 O, S

Structure attributes must be viewed using STN Express query preparation.

=> s 11
SAMPLE SEARCH INITIATED 14:16:51 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 71 TO ITERATE

100.0% PROCESSED 71 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 915 TO 1925
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s 11 sss full
FULL SEARCH INITIATED 14:17:02 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 1482 TO ITERATE

100.0% PROCESSED 1482 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L3 0 SEA SSS FUL L1

=> fil cap
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 179.74 179.95

FILE 'CAPLUS' ENTERED AT 14:17:38 ON 30 OCT 2008
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FILE COVERS 1907 - 30 Oct 2008 VOL 149 ISS 18
FILE LAST UPDATED: 29 Oct 2008 (20081029/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolICY.html>

```
=> s us 2006-583782/apps
      1 US2006-583782/AP
      0 US2006-583782/PRN
L4      1 US 2006-583782/APPS
          (US2006-583782/AP, PRN)
```

=> fil reg	COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST		4.72	184.67

FILE 'REGISTRY' ENTERED AT 14:18:27 ON 30 OCT 2008
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STRUCTURE FILE UPDATES: 29 OCT 2008 HIGHEST RN 1068186-59-3
DICTIONARY FILE UPDATES: 29 OCT 2008 HIGHEST RN 1068186-59-3

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TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

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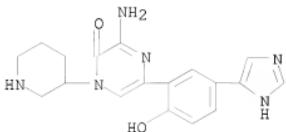
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

```
=> tra rn 14
L5      TRANSFER L4 1- RN :      106 TERMS
L6      106 LS
=> d scan
```

L6 106 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN 2(1H)-Pyrazinone, 3-amino-5-[2-hydroxy-5-(1H-imidazol-5-yl)phenyl]-1-(3-

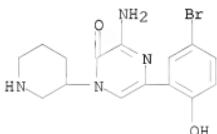
MF C18 H20 N6 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

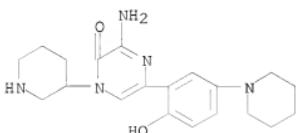
L6 106 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN 2(1H)-Pyrazinone, 3-amino-5-(5-bromo-2-hydroxyphenyl)-1-(3-piperidinyl)-
MF C15 H17 Br N4 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

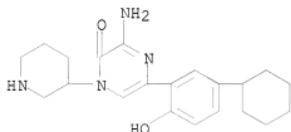
L6 106 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN 2(1H)-Pyrazinone, 3-amino-5-[2-hydroxy-5-(1-piperidinyl)phenyl]-1-(3-piperidinyl)-
MF C20 H27 N5 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

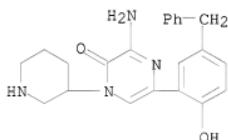
L6 106 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN 2(1H)-Pyrazinone, 3-amino-5-(5-cyclohexyl-2-hydroxyphenyl)-1-(3-piperidinyl)-
MF C21 H28 N4 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

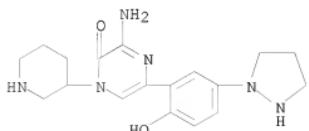
L6 106 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN 2(1H)-Pyrazinone, 3-amino-5-[2-hydroxy-5-(phenylmethyl)phenyl]-1-(3-piperidinyl)-
MF C22 H24 N4 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

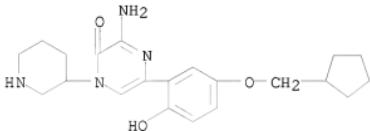
L6 106 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN 2(1H)-Pyrazinone, 3-amino-5-[2-hydroxy-5-(1-pyrazolidinyl)phenyl]-1-(3-piperidinyl)-
MF C18 H24 N6 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

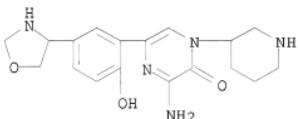
L6 106 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN 2(1H)-Pyrazinone, 3-amino-5-[5-(cyclopentylmethoxy)-2-hydroxyphenyl]-1-(3-piperidinyl)-
MF C21 H28 N4 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

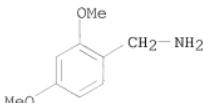
L6 106 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN 2(1H)-Pyrazinone, 3-amino-5-[2-hydroxy-5-(4-oxazolidinyl)phenyl]-1-(3-piperidinyl)-
MF C18 H23 N5 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

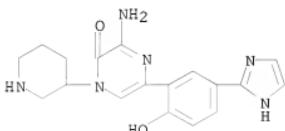
L6 106 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Benzenemethanamine, 2,4-dimethoxy-
MF C9 H13 N O2
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

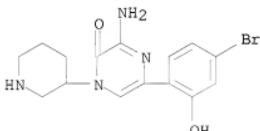
L6 106 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN 2(1H)-Pyrazinone, 3-amino-5-[2-hydroxy-5-(1H-imidazol-2-yl)phenyl]-1-(3-piperidinyl)-
MF C18 H20 N6 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

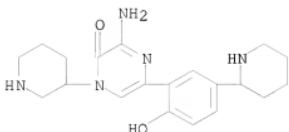
L6 106 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN 2(1H)-Pyrazinone, 3-amino-5-(4-bromo-2-hydroxyphenyl)-1-(3-piperidinyl)-
MF C15 H17 Br N4 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

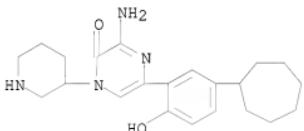
L6 106 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN 2(1H)-Pyrazinone, 3-amino-5-[2-hydroxy-5-(2-piperidinyl)phenyl]-1-(3-piperidinyl)-
MF C20 H27 N5 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

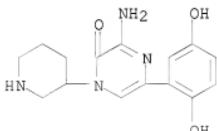
L6 106 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN 2(1H)-Pyrazinone, 3-amino-5-(5-cycloheptyl-2-hydroxyphenyl)-1-(3-piperidinyl)-
MF C22 H30 N4 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L6 106 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN 2(1H)-Pyrazinone, 3-amino-5-(2,5-dihydroxyphenyl)-1-(3-piperidinyl)-
MF C15 H18 N4 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

```
=> fil stnguide
COST IN U.S. DOLLARS
SINCE FILE          TOTAL
ENTRY          SESSION
FULL ESTIMATED COST          0.92          198.18
```

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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Oct 24, 2008 (20081024/UP).

```
=> fil reg
COST IN U.S. DOLLARS
SINCE FILE          TOTAL
ENTRY          SESSION
FULL ESTIMATED COST          0.18          198.36
```

FILE 'REGISTRY' ENTERED AT 14:21:50 ON 30 OCT 2008
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STRUCTURE FILE UPDATES: 29 OCT 2008 HIGHEST RN 1068186-59-3
DICTIONARY FILE UPDATES: 29 OCT 2008 HIGHEST RN 1068186-59-3

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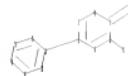
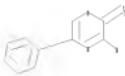
TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

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predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
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<http://www.cas.org/support/stngen/stndoc/properties.html>

```
=>
Uploading C:\Program Files\STNEXP\Queries\10583782broad.str
```



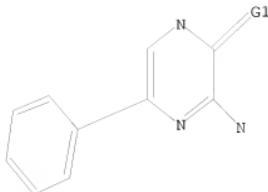
chain nodes :
7 8
ring nodes :
1 2 3 4 5 6 11 12 13 14 15 16
chain bonds :
1-2 5-8 6-7
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 11-12 11-16 12-13 13-14 14-15 15-16
exact/norm bonds :
1-2 1-6 2-3 3-4 5-6 5-8 6-7
exact bonds :
2-11 4-5
normalized bonds :
11-12 11-16 12-13 13-14 14-15 15-16
isolated ring systems :
containing 1 : 11 :

G1:O,S

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 11:Atom 12:Atom
13:Atom 14:Atom 15:Atom 16:Atom

L7 STRUCTURE UPLOADED

=> d 17
L7 HAS NO ANSWERS
L7 STR



G1 O,S

Structure attributes must be viewed using STN Express query preparation.

=> s 17 sss sam
 SAMPLE SEARCH INITIATED 14:22:17 FILE 'REGISTRY'
 SAMPLE SCREEN SEARCH COMPLETED - 71 TO ITERATE

100.0% PROCESSED 71 ITERATIONS 30 ANSWERS
 SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
 PROJECTED ITERATIONS: 915 TO 1925
 PROJECTED ANSWERS: 272 TO 928

L8 30 SEA SSS SAM L7

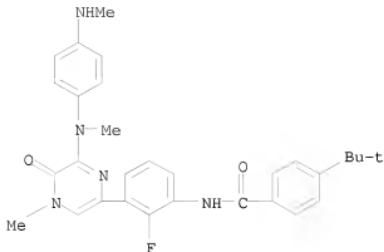
=> s 17 sss full
 FULL SEARCH INITIATED 14:22:25 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - 1482 TO ITERATE

100.0% PROCESSED 1482 ITERATIONS 619 ANSWERS
 SEARCH TIME: 00.00.01

L9 619 SEA SSS FUL L7

=> d scan

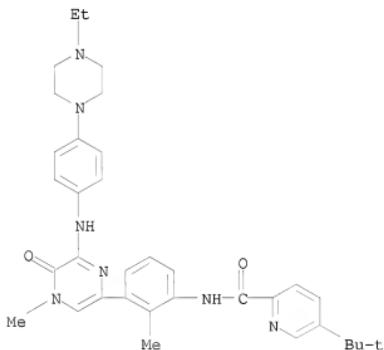
L9 619 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Benzamide, N-[3-[4,5-dihydro-4-methyl-6-[methyl[4-(methylamino)phenyl]amino]-5-oxo-2-pyrazinyl]-2-fluorophenyl]-4-(1,1-dimethylethyl)-
 MF C30 H32 F N5 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L9 619 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN 2-Pyridinecarboxamide, 5-(1,1-dimethylethyl)-N-[3-[6-[(4-(4-ethyl-1-piperazinyl)phenyl)amino]-4,5-dihydro-4-methyl-5-oxo-2-pyrazinyl]-2-methylphenyl]-
 MF C34 H41 N7 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> 0

0 IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.

For a list of commands available to you in the current file, enter "HELP COMMANDS" at an arrow prompt (>).

=> fil reg
COST IN U.S. DOLLARS
SINCE FILE ENTRY SESSION
FULL ESTIMATED COST 179.74 378.10

FILE 'REGISTRY' ENTERED AT 14:24:12 ON 30 OCT 2008
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STRUCTURE FILE UPDATES: 29 OCT 2008 HIGHEST RN 1068186-59-31
DICTIONARY FILE UPDATES: 29 OCT 2008 HIGHEST RN 1068186-59-31

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<http://www.cas.org/support/stnqgen/stndoc/properties.html>

=>
Uploading C:\Program Files\STNEXP\Queries\10583782new.str



chain nodes :

7 8 17

ring nodes :

1 2 3 4 5 6 11 12 13 14 15 16

chain bonds :

2-11 4-17 5-8 6-7

ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 11-12 11-16 12-13 13-14 14-15 15-16
exact/norm bonds :
1-2 1-6 2-3 3-4 4-17 5-6 5-8 6-7
exact bonds :
2-11 4-5
normalized bonds :
11-12 11-16 12-13 13-14 14-15 15-16
isolated ring systems :
containing 1 : 11 :

G1:O,S

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 11:Atom 12:Atom
13:Atom 14:Atom 15:Atom 16:Atom 17:Atom

L10 STRUCTURE UPLOADED

=> s l10 ss

COMBINATION OF STRUCTURE AND TEXT TERMS NOT VALID
The query entered contains both search terms created by
structure-building or screen commands and text search terms. L#s
created via the STRUCTURE or SCREEN commands must be searched in the
structures files separately from text terms or profiles. The L#
answer sets from structure searches can be used in crossover searches
and can be combined with text terms.

=> s l10 sss sam

SAMPLE SEARCH INITIATED 14:24:35 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 71 TO ITERATE

100.0% PROCESSED 71 ITERATIONS 6 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 915 TO 1925
PROJECTED ANSWERS: 6 TO 266

L11 6 SEA SSS SAM L10

=> s l10 sss full
FULL SEARCH INITIATED 14:24:41 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 1482 TO ITERATE

100.0% PROCESSED 1482 ITERATIONS 96 ANSWERS
SEARCH TIME: 00.00.01

L12 96 SEA SSS FUL L10

=> fil cap
COST IN U.S. DOLLARS SINCE FILE TOTAL
FULL ESTIMATED COST ENTRY SESSION
178.36 556.46

FILE 'CPLUS' ENTERED AT 14:24:48 ON 30 OCT 2008
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FILE COVERS 1907 - 30 Oct 2008 VOL 149 ISS 18
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=> s l12
L13 1 L12

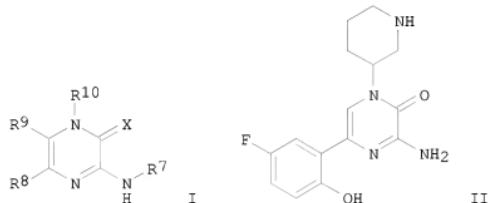
=> d ibib abs

L13 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:347011 CAPLUS
DOCUMENT NUMBER: 142:411378
TITLE: Preparation of pyrazinone compounds as IKK-2 kinase inhibitors for the treatment of inflammation
INVENTOR(S): Boys, Mark L.; Clare, Michael; Mitton-Fry, Mark J.
PATENT ASSIGNEE(S): Pharmacia Corporation, USA
SOURCE: PCT Int. Appl., 115 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005035527	A1	20050421	WO 2004-IB3238	20041004
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2541667	A1	20050421	CA 2004-2541667	20041004
EP 1678164	A1	20060712	EP 2004-769554	20041004
EP 1678164	B1	20070411		
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,			

IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK
 BR 2004015390 A 20061212 BR 2004-15390 20041004
 JP 2007508366 T 20070405 JP 2006-534847 20041004
 JP 3962425 B2 20070822
 AT 359283 T 20070515 AT 2004-769554 20041004
 ES 2284054 T3 20071101 ES 2004-769554 20041004
 MX 2006PA03746 A 20060614 MX 2006-PA3746 20060403
 US 20070225291 A1 20070927 US 2006-583782 20061127
 PRIORITY APPLN. INFO.: US 2003-510870P P 20031014
 WO 2004-IB3238 W 20041004

OTHER SOURCE(S): CASREACT 142:411378; MARPAT 142:411378
 GI



AB Title compds. I [wherein X = O, S or (un)substituted NH; R7, R9 = H, OH, alkoxy, (halo)alkyl or (hetero)aryl; R8 = (un)substituted (hetero)cycloalk(en)yl or aryl; R10 = (un)substituted NH₂, alkylene or N-containing heterocycloalkyl, and pharmaceutically acceptable salts thereof] were prepared as IKK-2 inhibitors. Thus, salt II·TFA, which showed inhibition against IKK-2 with IC₅₀ of 0.903 μM, was synthesized in six steps from 1-benzylloxycarbonyl-3-aminopiperidine. Therefore, I are useful for the preparation of medicaments for the treatment of cancer, inflammation and inflammation-associated disorders.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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COST IN U.S. DOLLARS		SINCE FILE	TOTAL
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CA SUBSCRIBER PRICE		ENTRY	SESSION
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STRUCTURE FILE UPDATES: 29 OCT 2008 HIGHEST RN 1068186-59-3
DICTIONARY FILE UPDATES: 29 OCT 2008 HIGHEST RN 1068186-59-3

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ring nodes :
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chain bonds :
2-11 4-12 5-8 6-7
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
1-2 1-6 2-3 2-11 3-4 4-12 5-6 5-8 6-7

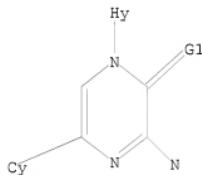
exact bonds :
4-5
isolated ring systems :
containing 1 : 11 :

G1:O,S

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 11:Atom 12:Atom
Generic attributes :
12:
Type of Ring System : Monocyclic

L14 STRUCTURE UPLOADED

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L14 HAS NO ANSWERS
L14 STR



G1 O,S

Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SCREEN SEARCH COMPLETED - 1397 TO ITERATE

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SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 25698 TO 30182
PROJECTED ANSWERS: 6 TO 265

L15 6 SEA SSS SAM L14

=> s 114 sss full
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FULL SCREEN SEARCH COMPLETED - 28154 TO ITERATE

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SEARCH TIME: 00.00.01

L16 102 SEA SSS FUL L14

=> fil cap		
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CA SUBSCRIBER PRICE	0.00	-0.80

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=> s 116
 L17 1 L16

=> stn guide
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 'FIL' IS NOT A VALID FILE NAME
 ENTER A FILE NAME OR (IGNORE):fil cap
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	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-0.80

INDEX 'CAPLUS, STNGUIDE' ENTERED AT 14:30:07 ON 30 OCT 2008

2 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view search error messages that display as 0* with SET DETAIL OFF.

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CA SUBSCRIBER PRICE          0.00          -0.80
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STRUCTURE FILE UPDATES: 29 OCT 2008 HIGHEST RN 1068186-59-3
DICTIONARY FILE UPDATES: 29 OCT 2008 HIGHEST RN 1068186-59-3

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<http://www.cas.org/support/stngen/stndoc/properties.html>

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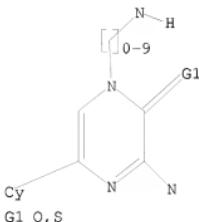
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chain bonds :
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exact/norm bonds :
1-2 1-6 2-3 2-11 3-4 4-12 5-6 5-8 6-7 12-13
exact bonds :
4-5 13-14
isolated ring systems :
containing 1 : 11 :

G1:O,S

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 11:Atom 12:CLASS
13:CLASS 14:CLASS
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L18 STRUCTURE UPLOADED

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L18 HAS NO ANSWERS
L18 STR



Structure attributes must be viewed using STN Express query preparation.

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0 ANSWERS

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BATCH **COMPLETE**
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L19 0 SEA SSS SAM L18

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SEARCH TIME: 00.00.01

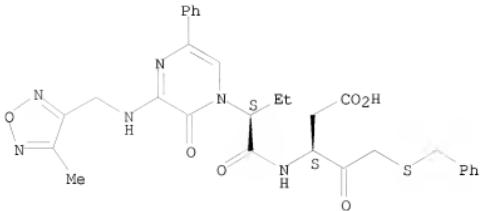
2 ANSWERS

L20 2 SEA SSS FUL L18

=> d scan

L20 2 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
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MF C30 H32 N6 O6 S

Absolute stereochemistry.

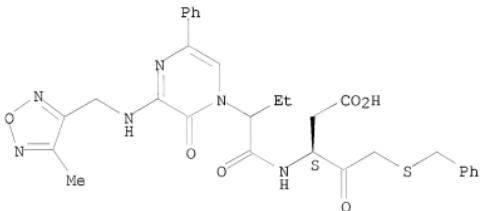


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L20 2 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Pentanoic acid, 3-[2-[3-[(4-methyl-1,2,5-oxadiazol-3-yl)methyl]amino]-2-oxo-5-phenyl-1(2H)-pyrazinyl]-1-oxobutylamino]-4-oxo-5-[(phenylmethyl)thio]-, (3S)-
 MF C30 H32 N6 O6 S

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> fil cap			
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FULL ESTIMATED COST	178.82	919.46	
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	ENTRY	SESSION	
CA SUBSCRIBER PRICE	0.00	-0.80	

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FILE LAST UPDATED: 29 Oct 2008 (20081029/ED)

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⇒ d_{hie}

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L3 0 S L1 SSS FULL

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15 TPA L4.1 - PN : 106 TERMS

L6 FILE 'REGISTRY' ENTERED AT 14:18:35 ON 30 OCT 2008
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L9 619 S L7 SSS FULL

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L12 96 S L10 SSS FULL

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L13 1 S L12

FILE 'STNGUIDE' ENTERED AT 14:25:34 ON 30 OCT 2008

FILE 'REGISTRY' ENTERED AT 14:28:12 ON 30 OCT 2008

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L16 102 S L14 SSS FULL

FILE 'CAPLUS' ENTERED AT 14:29:16 ON 30 OCT 2008
L17 1 S L16

INDEX 'CAPLUS, STNGUIDE' ENTERED AT 14:30:07 ON 30 OCT 2008

FILE 'STNGUIDE' ENTERED AT 14:30:12 ON 30 OCT 2008

FILE 'REGISTRY' ENTERED AT 14:36:07 ON 30 OCT 2008

L18 STRUCTURE uploaded
L19 0 S L18
L20 2 S L18 SSS FULL

FILE 'CAPLUS' ENTERED AT 14:37:19 ON 30 OCT 2008

=> s 120
L21 3 L20

=> d 1-3 ibib abs hitstr

L21 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2003:855766 CAPLUS
DOCUMENT NUMBER: 139:345913
TITLE: Identification of tumor necrosis factor α
(TNF- α) modulator compounds, and use for
treatment of TNF-mediated diseases
INVENTOR(S): Miller, Karen; Diu-Hercend, Anita; Hercend, Thierry;
Lang, Paul; Weber, Peter; Golec, Julian; Mortimore,
Michael
PATENT ASSIGNEE(S): Vertex Pharmaceuticals Incorporated, USA
SOURCE: PCT Int. Appl., 268 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003088917	A2	20031030	WO 2003-US12262	20030417
WO 2003088917	A3	20040304		
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RW: GH, GM, KE, LS, MW, MD, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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US 2004048797	A1	20040311	US 2003-419327	20030417
EP 1499898	A2	20050126	EP 2003-721795	20030417
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
ILITY APPLN. INFO.:-			US 2002-374434P	P 20020419
			WO 2003-US12262	W 20030417

regulating TNF- α levels and/or activity. The invention also discloses methods for decreasing TNF- α levels and/or activity. Compds. and compns. of the invention are useful for treating TNF-mediated diseases. The invention further discloses kits comprising the compds. and compns. herein and a tool for measuring TNF- α activity and/or levels. Preparation of selected compds., e.g. [3S/R, (2S)]-5-fluoro-4-oxo-3-[(1-(phenothiazine-10-carbonyl)piperidine-2-carbonyl)amino]pentanoic acid, is described.

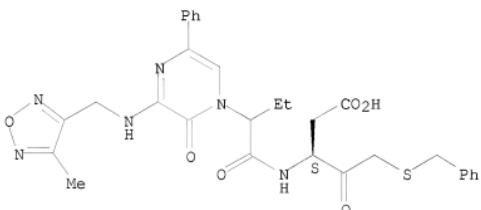
IT 321436-86-6

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(TNF- α modulator compound identification methods, and use for treatment of TNF-mediated diseases)

RN 321436-86-6 CAPLUS

CN Pentanoic acid, 3-[(2-[3-[(4-methyl-1,2,5-oxadiazol-3-yl)methyl]amino]-2-oxo-5-phenyl-1(2H)-pyrazinyl]-1-oxobutyl]amino]-4-oxo-5-[(phenylmethyl)thio]-, (3S)- (CA INDEX NAME)

Absolute stereochemistry.



L21 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2003:656594 CAPLUS

DOCUMENT NUMBER: 139:191460

TITLE: Phospholipids as caspase inhibitor prodrugs

INVENTOR(S): Mortimore, Michael; Golec, Julian M. C.

PATENT ASSIGNEE(S): Vertex Pharmaceuticals Incorporated, USA

SOURCE: PCT Int. Appl., 256 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003068242	A1	20030821	WO 2003-US4457	20030211
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US 20040019017	A1	20040129	US 2003-366192	20030211
US 7410956	B2	20080812		
EP 1485107	A1	20041215	EP 2003-739810	20030211
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US 20080199454	A1	20080821	US 2007-5068	20071221
PRIORITY APPLN. INFO.:				
US 2002-355889P P 20020211				
US 2003-366192 A3 20030211				
WO 2003-US4457 W 20030211				

OTHER SOURCE(S): MARPAT 139:191460

AB The invention relates to compds. which are prodrugs of caspase inhibitors and pharmaceutically acceptable salts thereof. The invention further relates to the release of caspase inhibitors from these compds. through selective bond cleavage. The invention further relates to pharmaceutical compns. comprising these compds., which are particularly well-suited for treatment of caspase-mediated diseases, including inflammatory and degenerative diseases. The invention further relates to methods for preparing compds. of this invention.

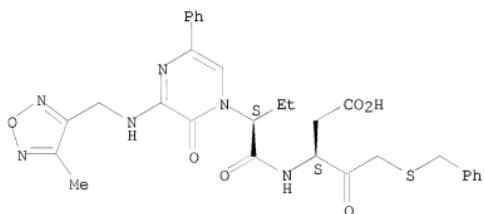
IT 582317-12-2

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(phospholipids as caspase inhibitor prodrugs)

RN 582317-12-2 CAPLUS

CN Pentanoic acid, 3-[(2S)-2-[3-[(4-methyl-1,2,5-oxadiazol-3-yl)methyl]amino]-2-oxo-5-phenyl-1(2H)-pyrazinyl]-1-oxobutyl]amino]-4-oxo-5-[(phenylmethyl)thio]-, (3S)- (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2001:63981 CAPLUS

DOCUMENT NUMBER: 134:115970

TITLE: Preparation and effect of pyrazinones against caspase-3

INVENTOR(S): Han, Yongxin; Giroux, Andre; Zamboni, Robert; McKay, Daniel J.; Bayly, Christopher I.; Grimm, Erich L.; Colucci, John

PATENT ASSIGNEE(S): Merck Frost Canada and Co., Can.

SOURCE: PCT Int. Appl., 92 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

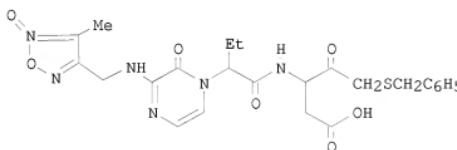
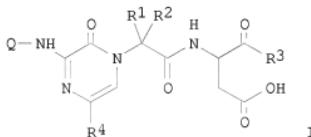
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001005772	A1	20010125	WO 2000-CAB833	20000717
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2378834	A1	20010125	CA 2000-2378834	20000717
EP 1202976	A1	20020508	EP 2000-947711	20000717
EP 1202976	B1	20061102		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
JP 2003505378	T	20030212	JP 2001-511433	20000717
AU 773317	B2	20040520	AU 2000-61432	20000717
AT 344249	T	20061115	AT 2000-947711	20000717
ES 2274795	T3	20070601	ES 2000-947711	20000717
US 6444811	B1	20020903	US 2000-618875	20000719
US 20030236402	A1	20031225	US 2002-202817	20020725
US 6699856	B2	20040302		
PRIORITY APPLN. INFO.:				
		US 1999-144466P	P 19990719	
		US 1999-170614P	P 19991214	
		WO 2000-CAB833	W 20000717	
		US 2000-618875	A3 20000719	

OTHER SOURCE(S): MARPAT 134:115970
GI



AB Title compds. [I; R1 = H; R2 = CH3CH2, CH3OCH2, C6H5, CH3SCH2, C6H5CH2OCH2, H, CH3(CH2)2; R1R2 = (CH2)4, CH3N(CH2)2(CH2)2; R3 = C6H5CH2SCH2, 2-F-6-ClC6H3CH2SCH2, C6H5CH2NHCH2, H, C6H5CH2N(CH3)CH2, C6H5CH2N(CH2CH3)CH2, CH3(CH2)N(CH2)CH2, C6H5(CH2)3, CH3; R4 = H, CH3CH2, (CH3)3C, (CH3)2CH; Q = heterocyclalkyl, heterocycl, heterocyclphenyl, heterocyclphenylphenyl, CH3OCH2CH2], enantiomers, pharmaceutically acceptable salts, esters, N-oxides and hydrates are disclosed. Pharmaceutical compns. and methods of use are also included. The compds. are active against the caspase-3 enzyme, and thus are useful

to treat caspase-3 mediated diseases and conditions. Thus, the title compound II was prepared and tested.

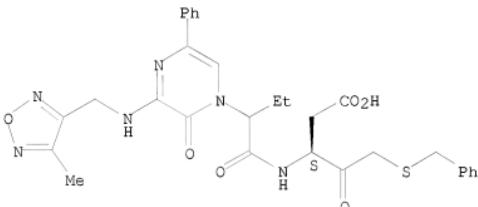
IT 321436-86-6P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation and effect of pyrazinones against caspase-3 enzyme)

RN 321436-86-6 CAPLUS

CN Pentanoic acid, 3-[[2-[3-[(4-methyl-1,2,5-oxadiazol-3-yl)methyl]amino]-2-oxo-5-phenyl-1(2H)-pyrazinyl]-1-oxobutyl]amino]-4-oxo-5-[(phenylmethyl)thio]-, (3S)- (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT:

3

THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE

ENTRY TOTAL

SESSION

16.83 936.29

FULL ESTIMATED COST

SINCE FILE

ENTRY TOTAL

SESSION

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

-2.40 -3.20

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